

Operator License # 32834
 Operator JTC Oil, Inc.
 Address 35790 Plum Creek Road
 City Osawatomie, KS 66064
 Contractor JTC Oil, Inc.
 Contractor License # 32834
 T.D. 740
 T.D. of pipe 710
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Production

API # 15-121-30421-00-00
 Lease Name Cooper
 Well # P-25
 Spud Date 7/15/2014
 Cement Date 7/21/2014
 Location Sec 9 T 17 R 22
 1155 feet from S line
 165 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To	
3	dirt	0	3	
4	lime	3	7	
95	shale	7	102	
18	lime	102	120	
16	shale	120	136	
4	lime	136	140	
9	shale	140	149	
2	lime	149	151	
47	shale	151	198	
13	lime	198	211	
9	shale	211	220	
29	lime	220	249	
8	shale	249	257	
36	lime	257	293	
7	shale mix	293	300	
132	shale	300	432	
3	red shale	432	435	
21	sand mix	435	456	tiny oil smell
3	sand/lime	456	459	oil bleed
5	lime	459	464	
4	mix	464	468	
51	shale	468	519	
8	lime	519	527	
3	mix	527	530	
12	shale	530	542	
4	lime	542	546	
14	shale	546	560	
4	lime	560	564	
17	shale	564	581	
5	lime	581	586	
29	shale	586	615	
3	laminated sand	615	618	ok

CORED

4	laminated	618	622	little oil
2	laminated	622	624	better show
12	laminated	624	636	good
3	laminated	636	639	ok
9	v-good bleed	639	648	
2	little bleed	648	650	
5	v-good bleed	650	655	
1	ok	655	656	
22	shale	656	678	
27	shale	678	705	
15	mix	705	720	
20	shale	720	740	